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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
: Okoboji	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
8: Dickman	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
8B: Dickman	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
8C2: Dickman	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
4: Estherville	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
4B: Estherville	Very limited Seepage	1.00	Somewhat limited Seepage	0.19	Very limited Deep to water	1.00
4C2: Estherville	Very limited Seepage	1.00	Somewhat limited Seepage	0.19	Very limited Deep to water	1.00
2B: Bode	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.64	Very limited Deep to water	1.00
4: Zook	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
			Hard to pack	1.00	Cutbanks cave	0.10
5: Nicollet	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.02	Somewhat limited Deep to water	0.68
			Piping	0.01	Slow refill Cutbanks cave	0.30

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
62C2: Storden	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
52D2: Storden	Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
52E2: Storden	Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
52F: Storden	Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
62G: Storden	Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
73C2: Salida	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
73E2: Salida	Very limited Seepage Slope	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
90: Okoboji	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
95: Harps	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated pond	ls
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
07: Webster	- Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
08: Wadena	- Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
08B: Wadena	- Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
33: Colo	- Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
33B: Colo	- Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
35: Coland	- Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.39 0.06	Somewhat limited Cutbanks cave	0.10
38B: Clarion	Somewhat limited	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
38C: Clarion	- Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
88C2: Clarion	- Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
88D2: Clarion	- Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
150: Hanska	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
181B: Clarion	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Estherville	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
181C2: Clarion	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Estherville	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
203: Cylinder	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.85	Very limited Cutbanks cave Deep to water	1.00
221: Palms	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave	0.10
224: Linder	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	1.00	Very limited Cutbanks cave Deep to water	1.00
236B: Lester	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
236C: Lester	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
236F: Lester	Somewhat limited Seepage Slope	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated pond	.s
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
259: Biscay	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
274: Rolfe	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
88: Ottosen	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
08: Wadena	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
08B: Wadena	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
25: Le Sueur	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
30: Kingston	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.78	Somewhat limited Deep to water Slow refill Cutbanks cave	0.68 0.30 0.10
35: Harcot	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
39B: Truman	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.97	Very limited Deep to water	1.00
48: Fieldon	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
49: Darfur	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
54: Aquolls	Seepage	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave	0.10
88: Kossuth	Slope Somewhat limited Seepage	0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
89: Waldorf	Somewhat limited Seepage	0.43	Very limited Depth to saturated zone Hard to pack	1.00	Somewhat limited Slow refill Cutbanks cave	0.57
85: Spillville	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.83	Somewhat limited Deep to water Cutbanks cave	0.81
85B: Spillville	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.83	Somewhat limited Deep to water Cutbanks cave	0.81
06: Wacousta	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Slow refill Cutbanks cave	0.30

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
507: Canisteo	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
511: Blue Earth	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
559: Talcot	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
585B: Colo	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
Spillville	Very limited Seepage	1.00	Somewhat limited Piping	0.83	Cutbanks cave Somewhat limited Deep to water Cutbanks cave	0.10 0.81 0.10
638B: Clarion	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
639C2: Storden	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Salida	Very limited Seepage	1.00	 Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
639D2: Storden	Somewhat limited Seepage Slope	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes levees	, and	Aquifer-fed excavated pond	ls
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Salida	Very limited Seepage Slope	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
654: Corwith	Somewhat limited Seepage	0.70	Very limited Piping Depth to saturated zone	1.00	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
655: Crippin	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.50	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
658: Mayer	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
733: Calco	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
823: Ridgeport	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
823B: Ridgeport	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
823C2: Ridgeport	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
879: Fostoria	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone Seepage	0.84	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10

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Kossuth County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
395: Lemond	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00	Very limited Cutbanks cave	1.00
1032: Spicer	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
1133: Colo	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
1135: Coland	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00	Somewhat limited Cutbanks cave	0.10
1485: Spillville	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.83	Somewhat limited Deep to water Cutbanks cave	0.81
1595: Harpster	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30
5010: Pits	Not rated		Not rated		Not rated	
5040: Orthents	Not rated		Not rated		Not rated	
ท: Water	Not rated		Not rated		Not rated	